

ABSTRACT OF THE DISCLOSURE

A method and system are provided for allocating satellite resources in a satellite communication system. A network interface is provided for making requests for satellite resources. A request processor determines whether the requests can be fulfilled based on a plurality of system constraints. The constraints can include, for example, the number of antennas on board the satellite, the number of active demodulators available on board the satellite, the configuration of a switch matrix which connects antennas to demodulators, and interference between signals transmitted to and from neighboring geographic cells. The network interface is preferably implemented in a web browser connected to a network which includes the Internet.